



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/565,989

DATE: 02/03/2006

TIME: 09:59:24

Input Set : A:\QGN-037.1P US.ST25.txt
 Output Set: N:\CRF4\02032006\J565989.raw

3 <110> APPLICANT: Wille, Tanja
 4 Lader, Eric
 5 Korfhage, Christian
 7 <120> TITLE OF INVENTION: Method for the Reverse Transcription and/or Amplification of
 8 Nucleic Acids
 10 <130> FILE REFERENCE: QGN-037.1P US
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/565,989
 13 <141> CURRENT FILING DATE: 2006-01-24
 15 <150> PRIOR APPLICATION NUMBER: US 60/489,643
 16 <151> PRIOR FILING DATE: 2003-07-24
 18 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/008363
 19 <151> PRIOR FILING DATE: 2004-07-26
 21 <160> NUMBER OF SEQ ID NOS: 33
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 15
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: DNA oligonucleotides with a 3' phosphate terminal end
 33 <400> SEQUENCE: 1
 34 ctccagctta acggt 15
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 15
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Artificial
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: DNA oligonucleotides with a 3' phosphate terminal end
 45 <400> SEQUENCE: 2
 46 taacggatt tggag 15
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 30
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Artificial
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: DNA oligonucleotides with a 3' phosphate terminal end
 57 <400> SEQUENCE: 3
 58 taacggatt tggaggtcag cacggtgctc 30
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 15
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Artificial
 66 <220> FEATURE:

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67 <223> OTHER INFORMATION: DNA oligonucleotides with a 3' phosphate terminal end
 69 <400> SEQUENCE: 4
 70 gtagttggac ttagg 15
 73 <210> SEQ ID NO: 5
 74 <211> LENGTH: 15
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Artificial
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: DNA oligonucleotides with a 3' phosphate terminal end
 81 <400> SEQUENCE: 5
 82 atccagatgc tcaag 15
 85 <210> SEQ ID NO: 6
 86 <211> LENGTH: 30
 87 <212> TYPE: DNA
 88 <213> ORGANISM: Artificial
 90 <220> FEATURE:
 91 <223> OTHER INFORMATION: DNA oligonucleotides with a 3' phosphate terminal end
 93 <400> SEQUENCE: 6
 94 gtagttggac ttaggaaaca aaggaacctt 30
 97 <210> SEQ ID NO: 7
 98 <211> LENGTH: 15
 99 <212> TYPE: DNA
 100 <213> ORGANISM: Artificial
 102 <220> FEATURE:
 103 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
 end 105 <400> SEQUENCE: 7
 106 ctccagctta acgg 15
 109 <210> SEQ ID NO: 8
 110 <211> LENGTH: 15
 111 <212> TYPE: DNA
 112 <213> ORGANISM: Artificial
 114 <220> FEATURE:
 115 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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 118 taacggatt tggag 15
 121 <210> SEQ ID NO: 9
 122 <211> LENGTH: 14
 123 <212> TYPE: DNA
 124 <213> ORGANISM: Artificial
 126 <220> FEATURE:
 127 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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 134 <211> LENGTH: 12
 135 <212> TYPE: DNA
 136 <213> ORGANISM: Artificial
 138 <220> FEATURE:
 139 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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150 <220> FEATURE:
151 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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153 <400> SEQUENCE: 11
154 tggcaattcg acctc
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 15
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial
162 <220> FEATURE:
163 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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165 <400> SEQUENCE: 12
166 gaggtttatg gcaat
169 <210> SEQ ID NO: 13
170 <211> LENGTH: 14
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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177 <400> SEQUENCE: 13
178 acggacgacc actg
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 12
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial
186 <220> FEATURE:
187 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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189 <400> SEQUENCE: 14
190 gcggctcaag tg
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 15
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial
198 <220> FEATURE:
199 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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206 <211> LENGTH: 15
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial
210 <220> FEATURE:
211 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal

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213 <400> SEQUENCE: 16

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223 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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226 ccccaagttta gtatg
229 <210> SEQ ID NO: 18 15
230 <211> LENGTH: 15
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial
234 <220> FEATURE:
235 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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237 <400> SEQUENCE: 18
238 cagtttagta gttgg
241 <210> SEQ ID NO: 19 15
242 <211> LENGTH: 15
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial
246 <220> FEATURE:
247 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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250 gcccatttcata atatc
253 <210> SEQ ID NO: 20 15
254 <211> LENGTH: 15
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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262 ggattcagggt tgatg
265 <210> SEQ ID NO: 21 15
266 <211> LENGTH: 15
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial
270 <220> FEATURE:
271 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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273 <400> SEQUENCE: 21
274 gaactcgatg accta
277 <210> SEQ ID NO: 22 15
278 <211> LENGTH: 15
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial
282 <220> FEATURE:
283 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
end

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285 <400> SEQUENCE: 22
286 tgatgatttg acccc

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Input Set : A:\QGN-037.1P US.ST25.txt
 Output Set: N:\CRF4\02032006\J565989.raw

289 <210> SEQ ID NO: 23
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 291 <212> TYPE: DNA
 292 <213> ORGANISM: Artificial
 294 <220> FEATURE:
 295 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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 297 <400> SEQUENCE: 23
 298 ggttgatgat ttgac 15
 301 <210> SEQ ID NO: 24
 302 <211> LENGTH: 15
 303 <212> TYPE: DNA
 304 <213> ORGANISM: Artificial
 306 <220> FEATURE:
 307 <223> OTHER INFORMATION: PNA with a 5' amino terminal end and a 3' carboxy terminal
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 309 <400> SEQUENCE: 24
 310 ctataataact tcccg 15
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 314 <211> LENGTH: 15
 315 <212> TYPE: DNA
 316 <213> ORGANISM: Artificial
 318 <220> FEATURE:
 319 <223> OTHER INFORMATION: LNA with an octandiol group at the 3' end
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 322 ctccagctta acgg 15
 325 <210> SEQ ID NO: 26
 326 <211> LENGTH: 15
 327 <212> TYPE: DNA
 328 <213> ORGANISM: Artificial
 330 <220> FEATURE:
 331 <223> OTHER INFORMATION: LNA with an octandiol group at the 3' end
 333 <400> SEQUENCE: 26
 334 taacggatt tggag 15
 337 <210> SEQ ID NO: 27
 338 <211> LENGTH: 14
 339 <212> TYPE: DNA
 340 <213> ORGANISM: Artificial
 342 <220> FEATURE:
 343 <223> OTHER INFORMATION: LNA with an octandiol group at the 3' end
 345 <400> SEQUENCE: 27
 346 gtcaccagca ggca 14
 349 <210> SEQ ID NO: 28
 350 <211> LENGTH: 12
 351 <212> TYPE: DNA
 352 <213> ORGANISM: Artificial
 354 <220> FEATURE:
 355 <223> OTHER INFORMATION: LNA with an octandiol group at the 3' end
 357 <400> SEQUENCE: 28
 358 gtgaactcg 12
 361 <210> SEQ ID NO: 29

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/03/2006
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33

VERIFICATION SUMMARY

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Input Set : A:\QGN-037.1P US.ST25.txt
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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number